

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019706.D
 Acq On : 14 Feb 2024 17:47
 Operator : MA/JU
 Sample : P1449-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-362

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 18:12:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	74089	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	279361	20.000	ng	-0.01
39) Acenaphthene-d10	14.533	164	189195	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	455308	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	450574	20.000	ng	# 0.00
86) Perylene-d12	23.798	264	509289	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	381376	82.974	ng	0.00
7) Phenol-d6	7.075	99	494978	79.867	ng	-0.01
23) Nitrobenzene-d5	9.069	82	340186	52.766	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	308427	111.653	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	806114	52.673	ng	-0.02
79) Terphenyl-d14	19.862	244	1486104	54.241	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.333	178	181714	7.584	ng	98
75) Fluoranthene	19.304	202	492590	16.828	ng	99
78) Pyrene	19.657	202	422141	13.275	ng	99
81) Benzo(a)anthracene	21.368	228	230003	7.252	ng	97
83) Chrysene	21.421	228	234047	7.772	ng	98
87) Indeno(1,2,3-cd)pyrene	26.327	276	140214	3.597	ng	# 96
88) Benzo(b)fluoranthene	23.062	252	306202	9.540	ng	# 96
89) Benzo(k)fluoranthene	23.103	252	100449m	3.276	ng	
90) Benzo(a)pyrene	23.692	252	205134	7.183	ng	96
92) Benzo(g,h,i)perylene	27.097	276	131591	4.045	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

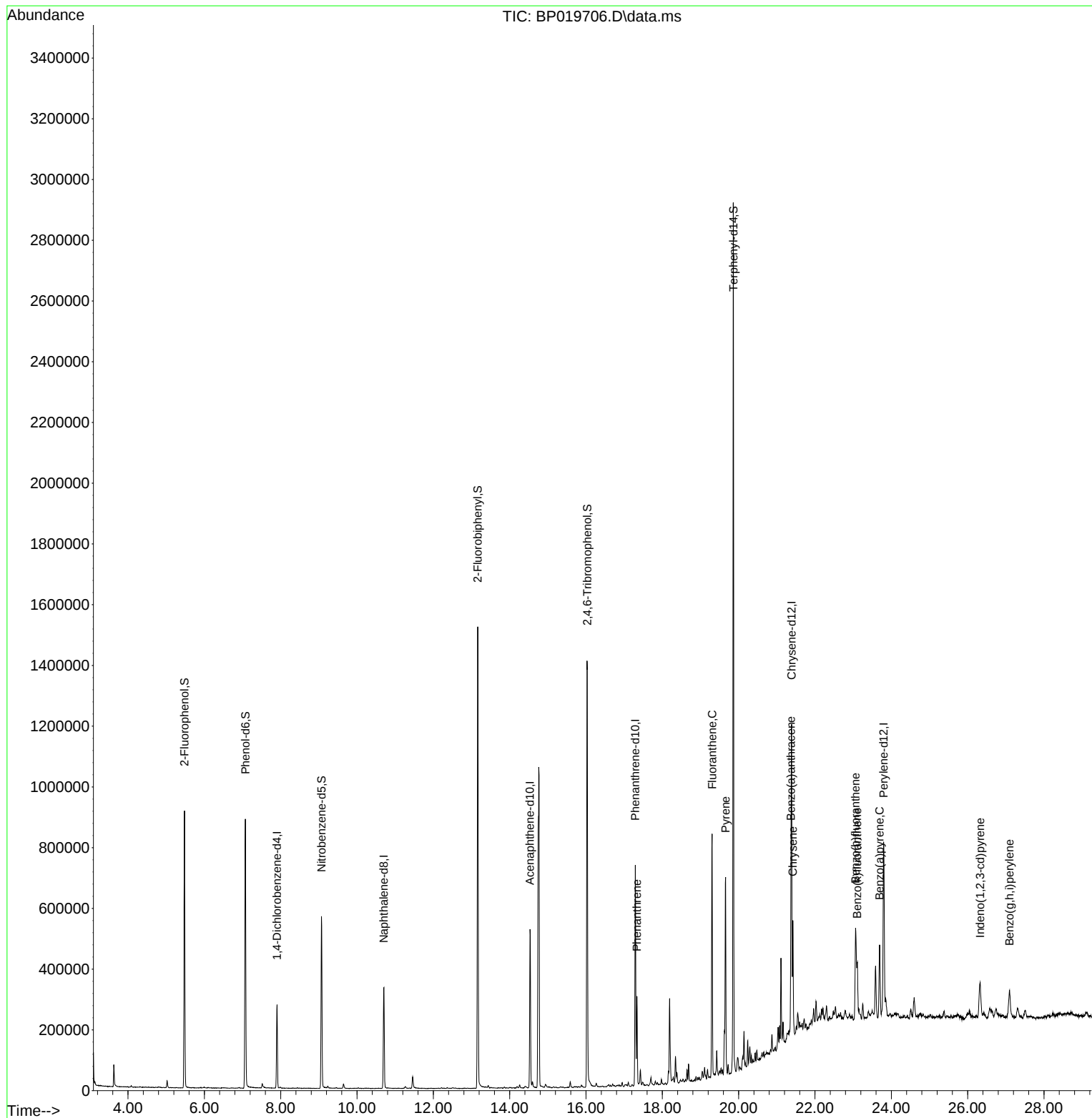
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019706.D
Acq On : 14 Feb 2024 17:47
Operator : MA/JU
Sample : P1449-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

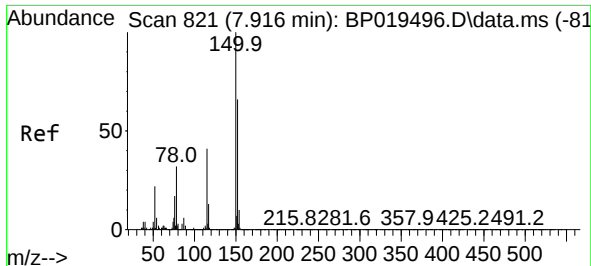
Instrument :
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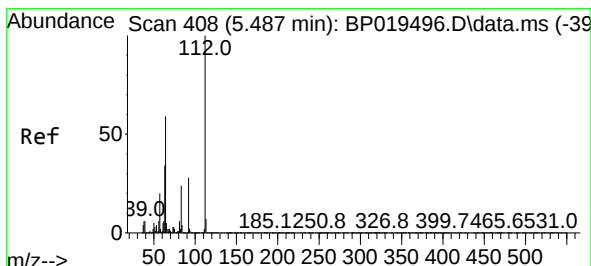
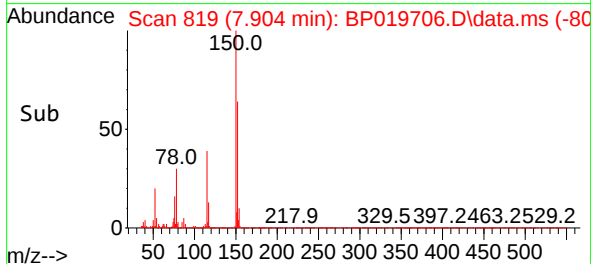
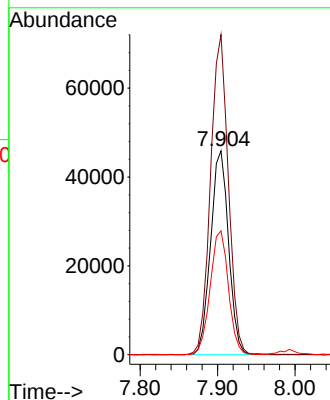
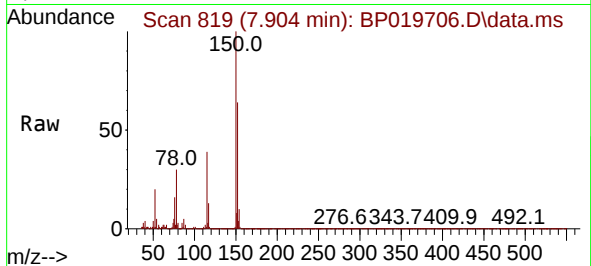
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Tgt Ion:152 Resp: 74089
Ion Ratio Lower Upper
152 100
150 156.9 121.8 182.8
115 60.7 49.9 74.9

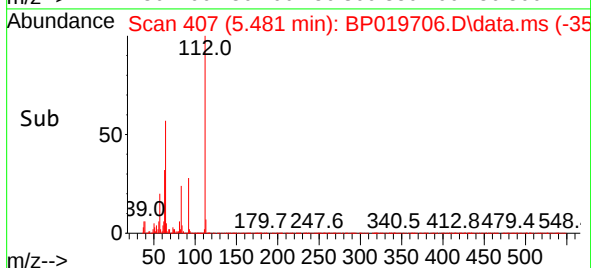
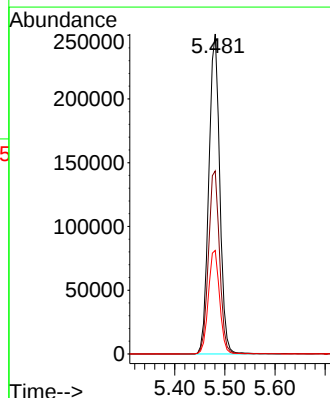
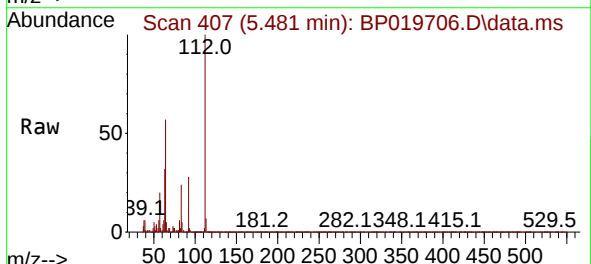
Manual Integrations
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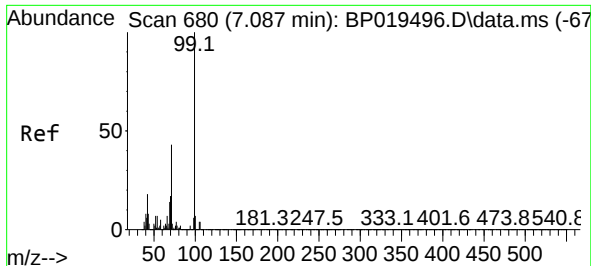
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#5
2-Fluorophenol
Concen: 82.974 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Tgt Ion:112 Resp: 381376
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.0
63 32.3 27.0 40.6





#7

Phenol-d6

Concen: 79.867 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP019706.D

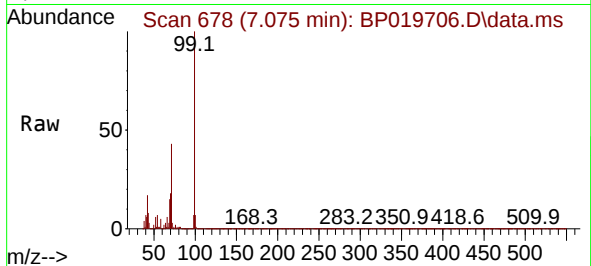
Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362



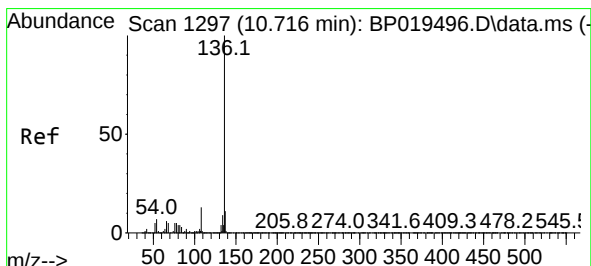
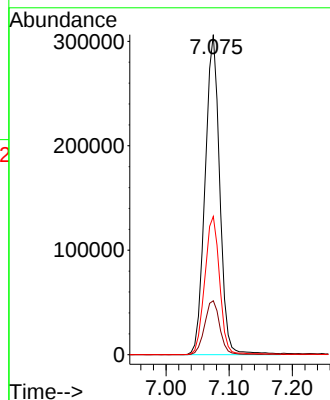
Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	16.9		14.7	22.1	
71	43.2		34.8	52.2	

Manual Integrations

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Supervised By :mohammad ahmed 02/15/2024



#21

Naphthalene-d8

Concen: 20.000 ng

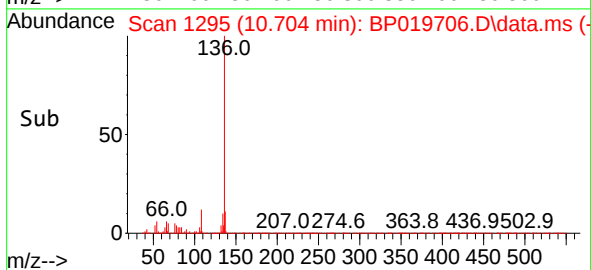
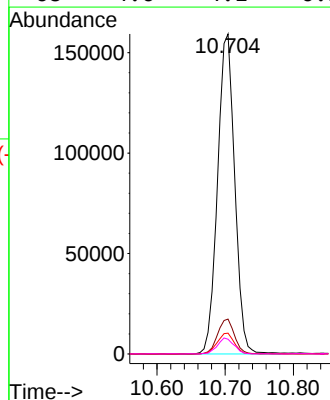
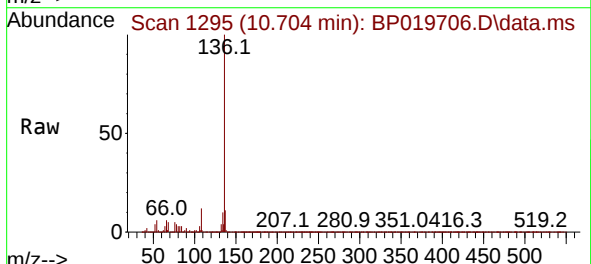
RT: 10.704 min Scan# 1295

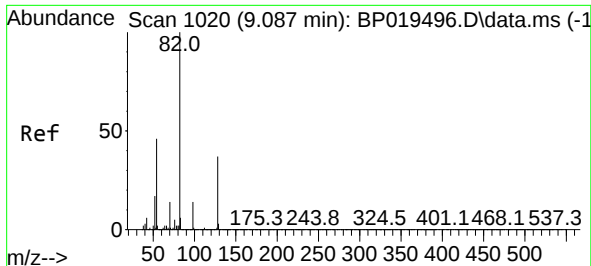
Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

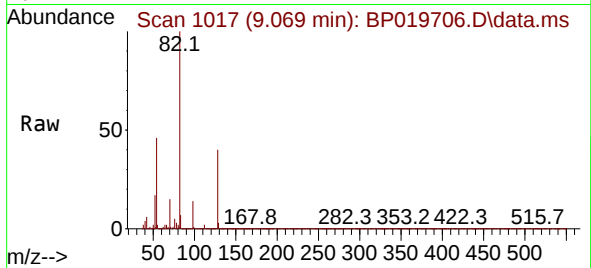
Tgt Ion:	136	Ratio	100	Lower	Upper
136	100				
137	10.9		8.8	13.2	
54	6.5		5.3	7.9	
68	4.6		4.1	6.1	





#23
Nitrobenzene-d5
Concen: 52.766 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

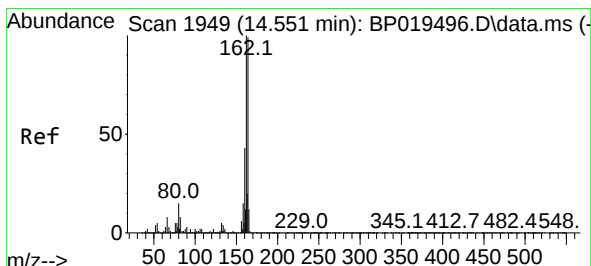
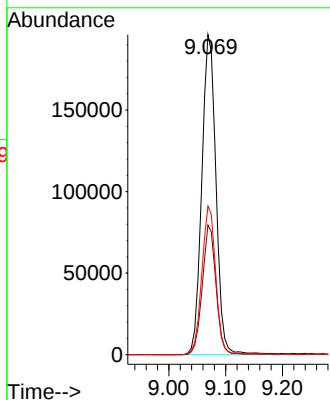
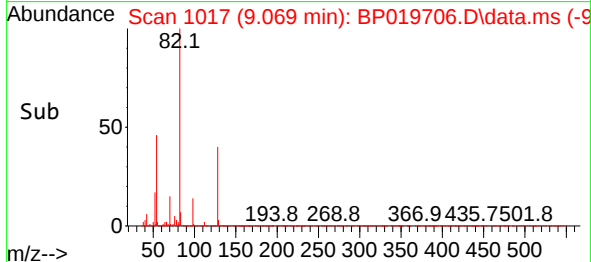
Instrument :
BNA_P
ClientSampleId :
ETGI-362



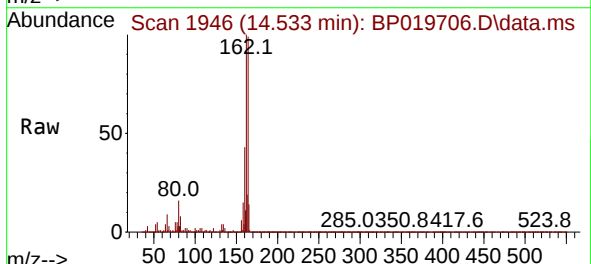
Tgt Ion: 82 Resp: 340180
Ion Ratio Lower Upper
82 100
128 40.5 29.7 44.5
54 46.4 36.8 55.2

Manual Integrations
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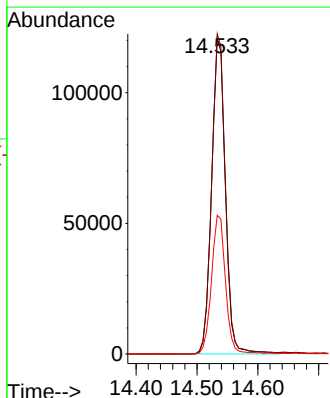
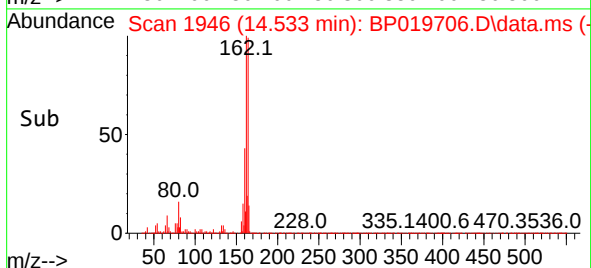
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

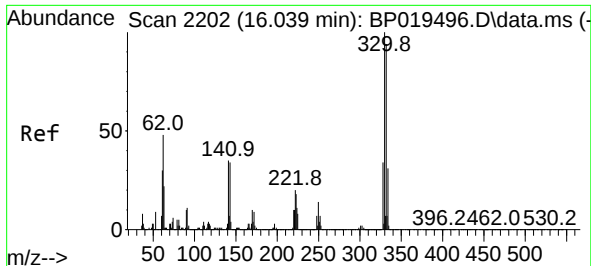


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47



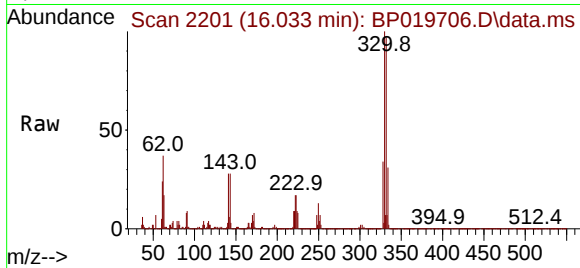
Tgt Ion:164 Resp: 189195
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 43.9 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 111.653 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

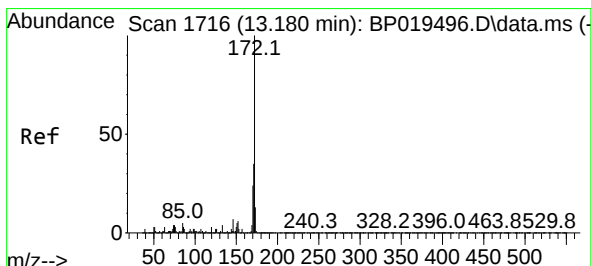
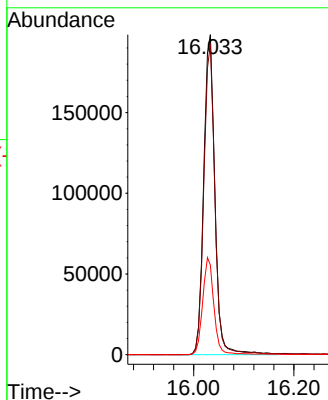
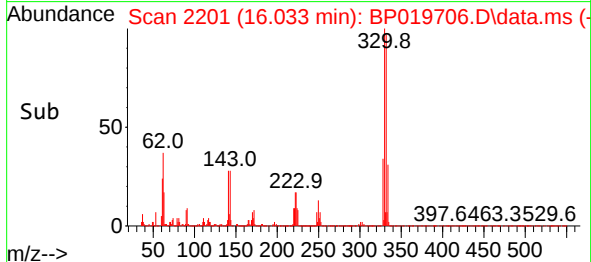
Instrument :
BNA_P
ClientSampleId :
ETGI-362



Tgt Ion:330 Resp: 30842
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 30.4 27.0 40.4

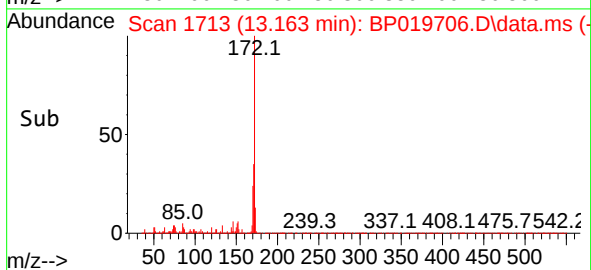
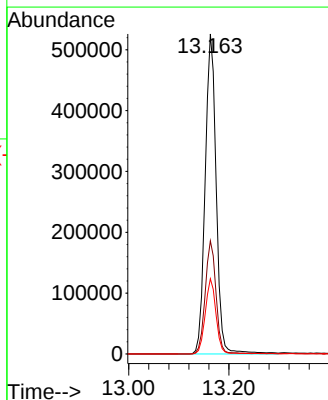
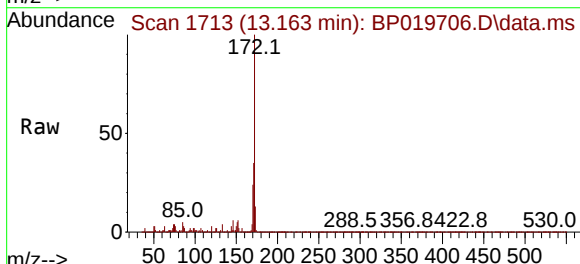
Manual Integrations
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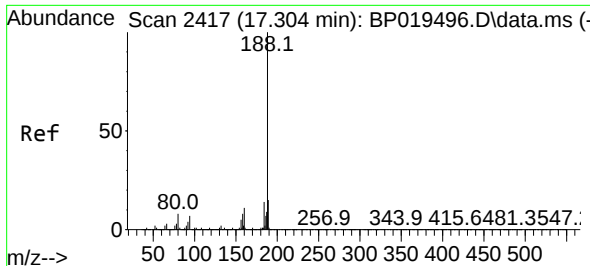
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#45
2-Fluorobiphenyl
Concen: 52.673 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Tgt Ion:172 Resp: 806114
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 18.9 28.3





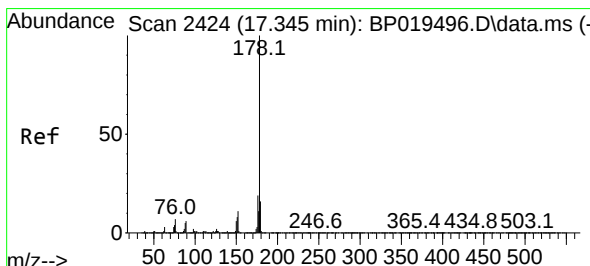
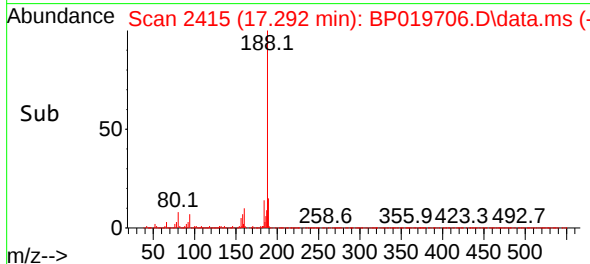
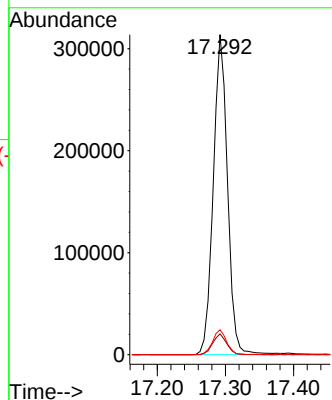
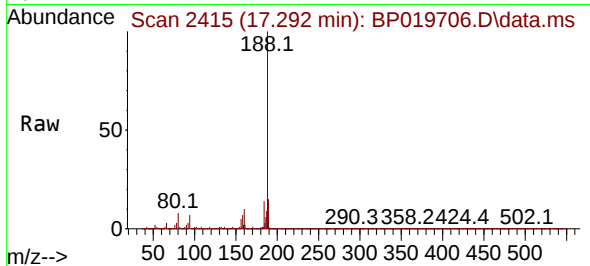
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Instrument :
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ClientSampleId :
ETGI-362

Tgt Ion:188 Resp: 455308
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.8 6.3 9.5

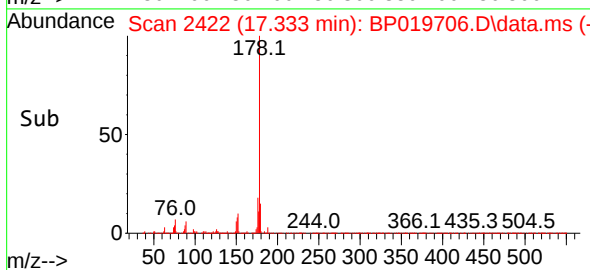
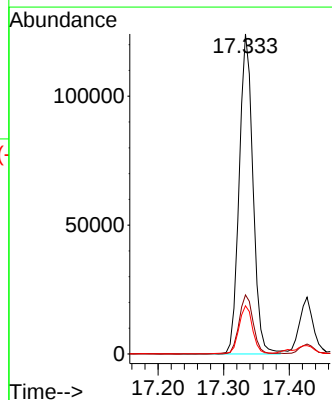
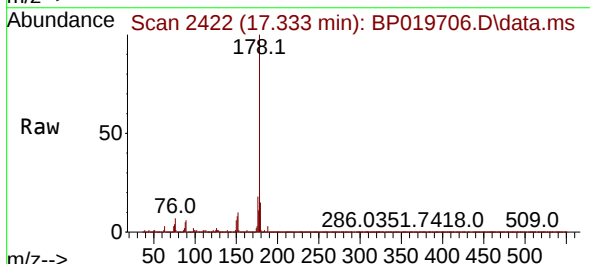
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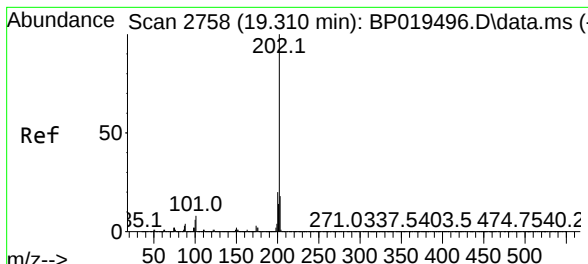
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#71
Phenanthrene
Concen: 7.584 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Tgt Ion:178 Resp: 181714
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.0 12.6 19.0



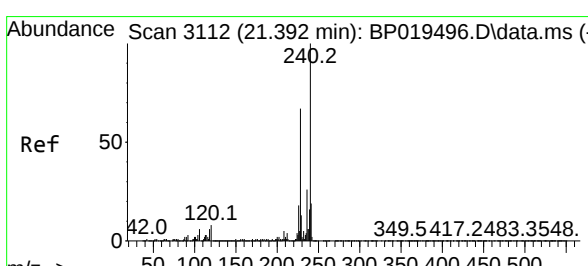
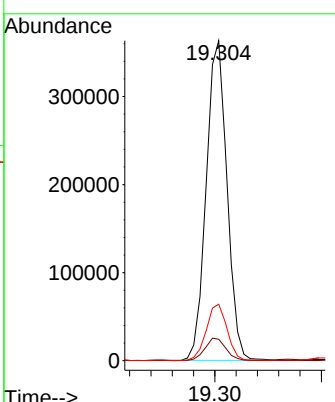
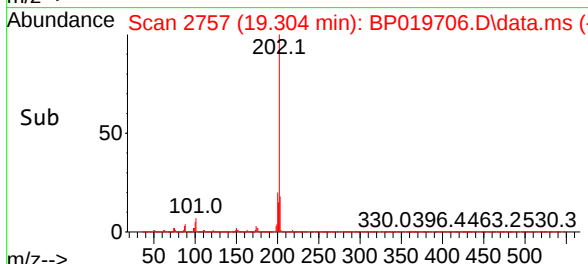
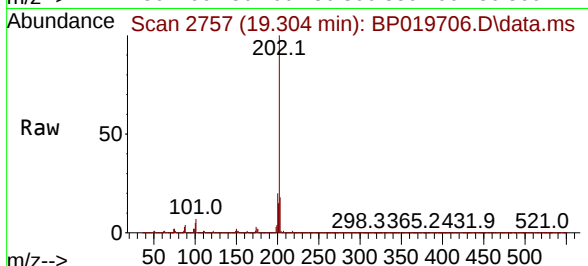


#75
 Fluoranthene
 Concen: 16.828 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019706.D
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Instrument : BNA_P
 ClientSampleId : ETGI-362

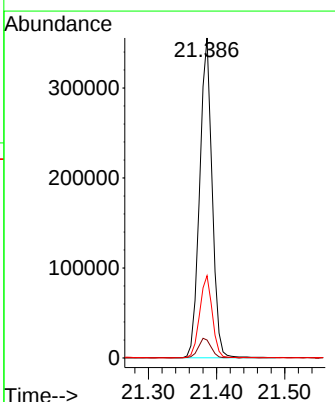
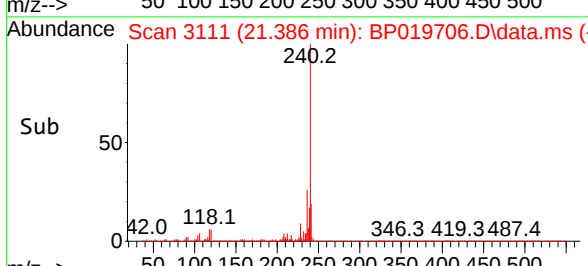
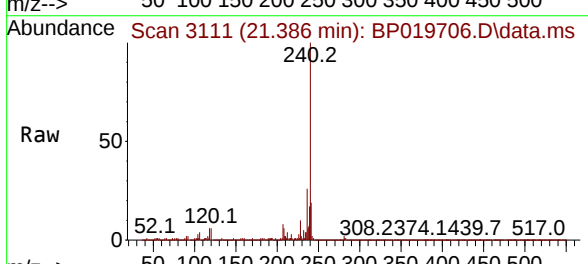
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Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	27.7
203	17.7	0.0	37.5

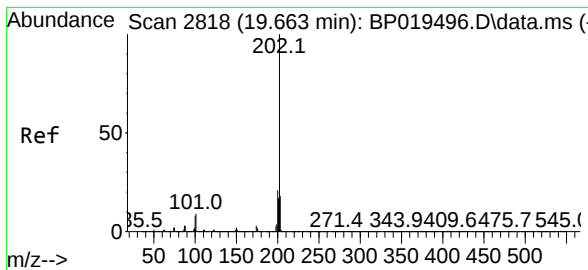
Manual Integrations
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 Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019706.D
 Acq: 14 Feb 2024 17:47

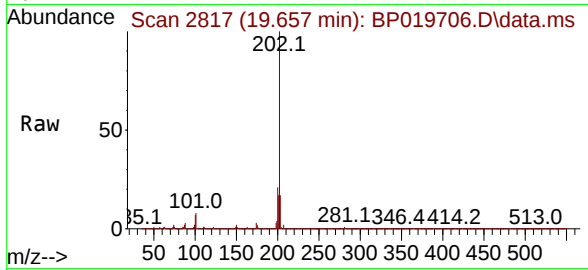
Tgt Ion:	240	Resp:	450574
Ion Ratio	Lower	Upper	
240	100		
120	5.6	6.1	9.1#
236	25.7	20.7	31.1





#78
 Pyrene
 Concen: 13.275 ng
 RT: 19.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019706.D
 Acq: 14 Feb 2024 17:47

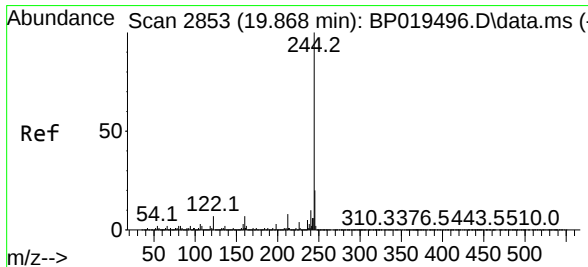
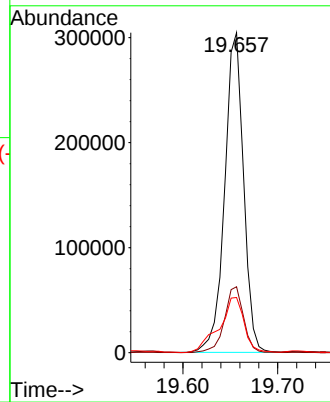
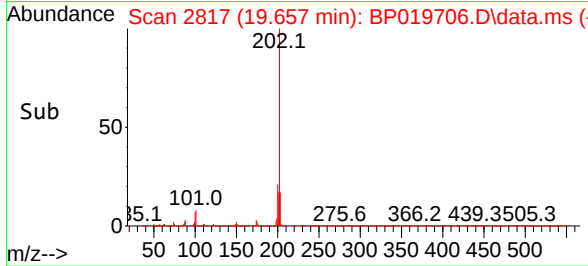
Instrument :
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 ETGI-362



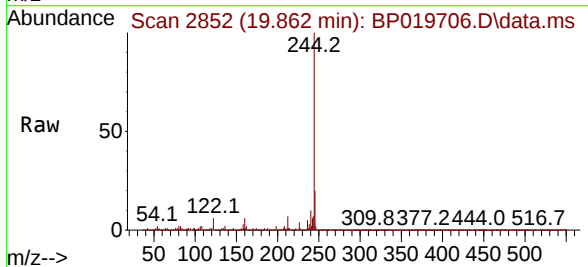
Tgt Ion:202 Resp: 42214
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.9 25.3
 203 17.3 14.2 21.2

Manual Integrations
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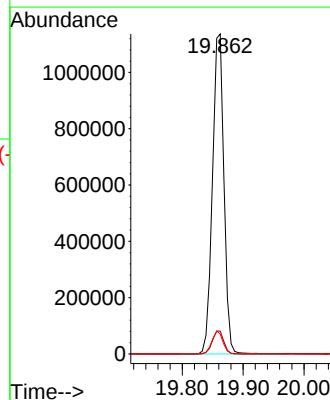
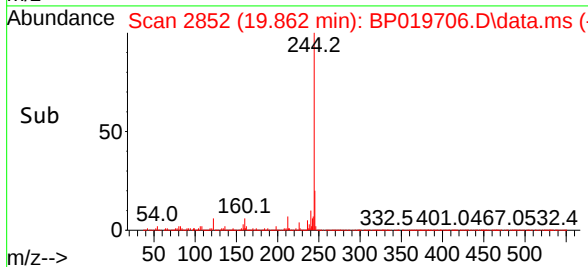
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

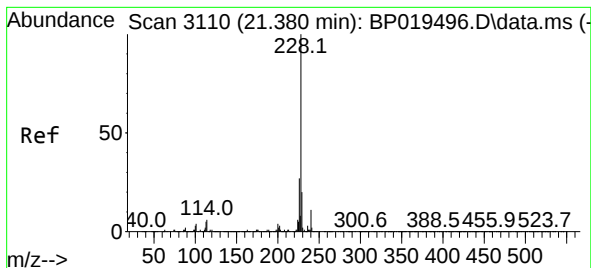


#79
 Terphenyl-d14
 Concen: 54.241 ng
 RT: 19.862 min Scan# 2852
 Delta R.T. -0.006 min
 Lab File: BP019706.D
 Acq: 14 Feb 2024 17:47



Tgt Ion:244 Resp: 1486104
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.2 5.9 8.9





#81

Benzo(a)anthracene

Concen: 7.252 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

Tgt Ion:228 Resp: 23000

Ion Ratio Lower Upper

228 100

226 28.7 21.7 32.5

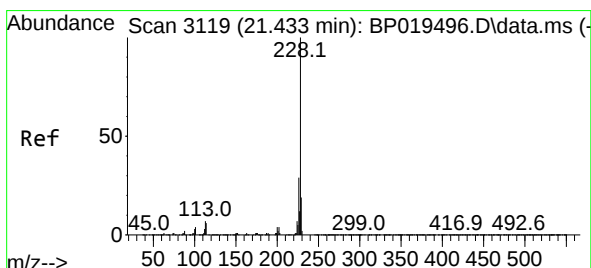
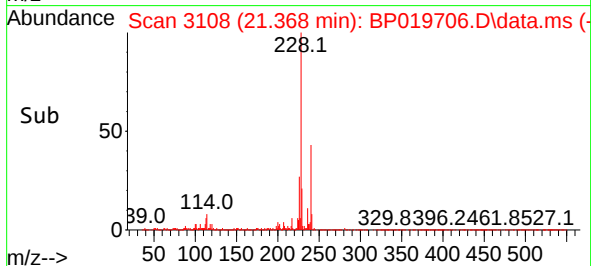
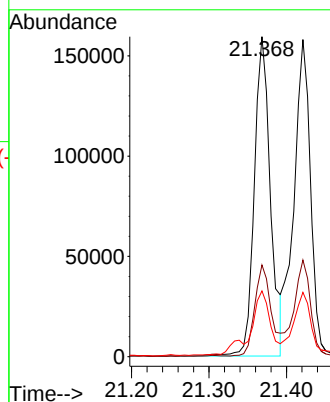
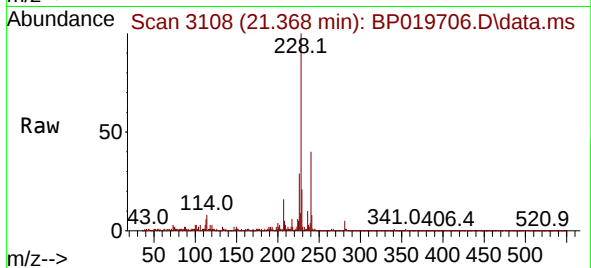
229 20.6 15.6 23.4

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Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#83

Chrysene

Concen: 7.772 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

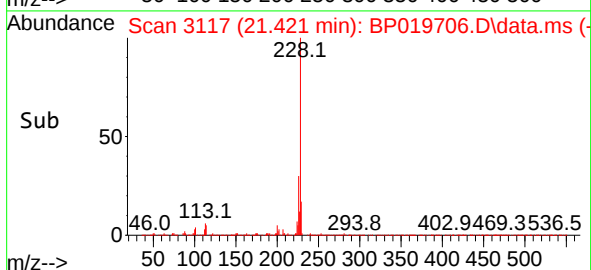
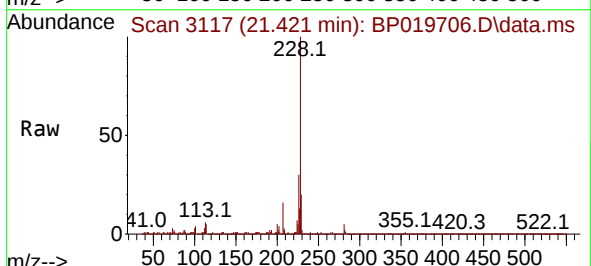
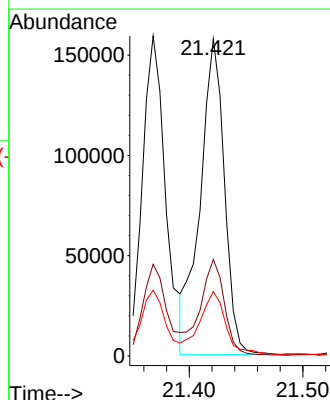
Tgt Ion:228 Resp: 234047

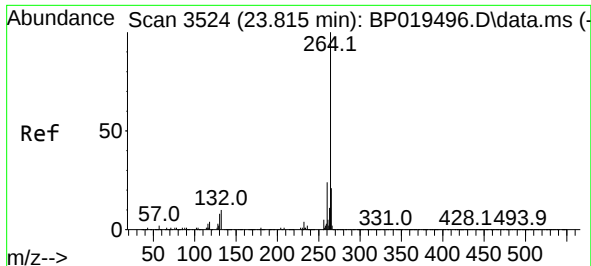
Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

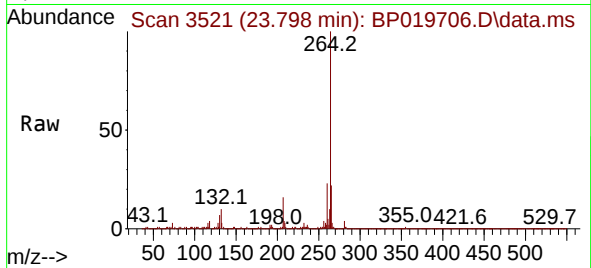
229 20.3 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3524
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

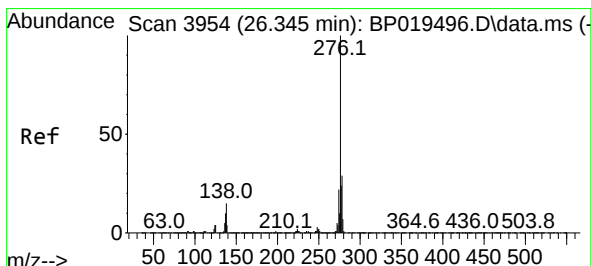
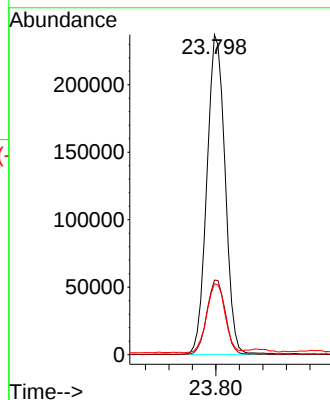
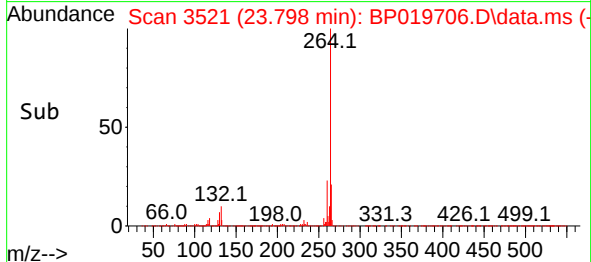
Instrument :
BNA_P
ClientSampleId :
ETGI-362



Tgt Ion:264 Resp: 509289
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 22.2 17.0 25.4

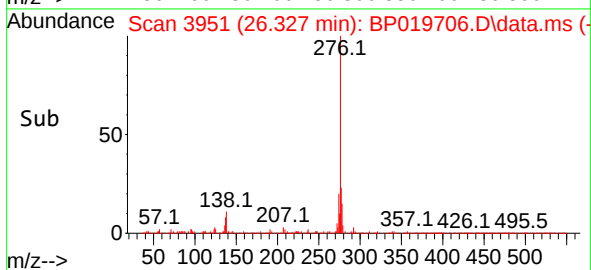
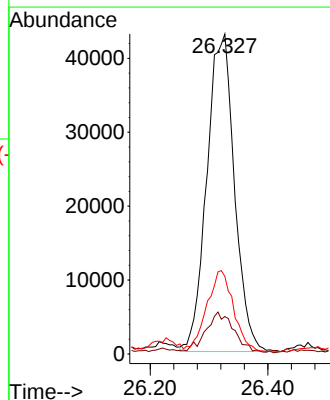
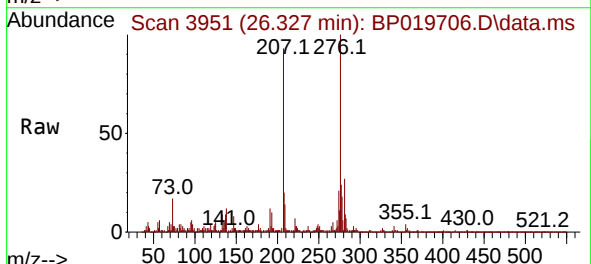
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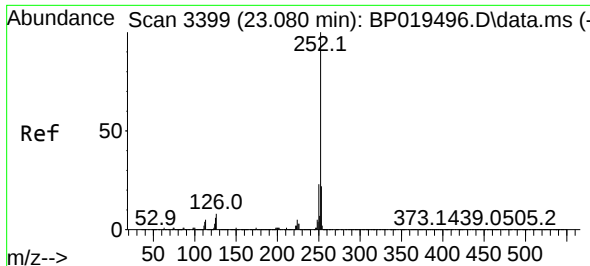
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.597 ng
RT: 26.327 min Scan# 3951
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

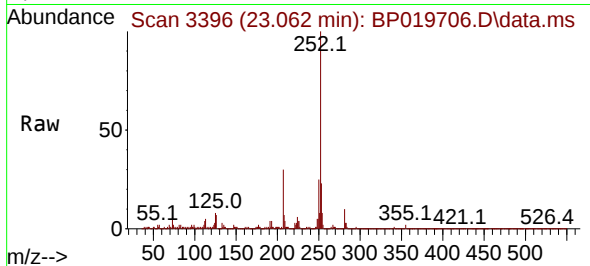
Tgt Ion:276 Resp: 140214
Ion Ratio Lower Upper
276 100
138 12.7 13.1 19.7#
277 24.7 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 9.540 ng
RT: 23.062 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

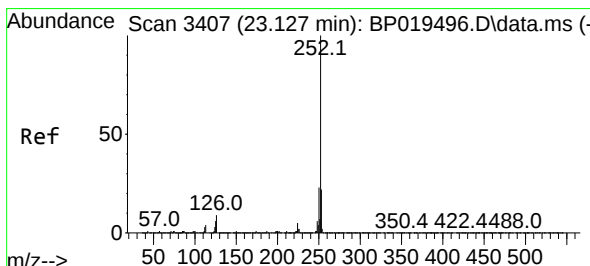
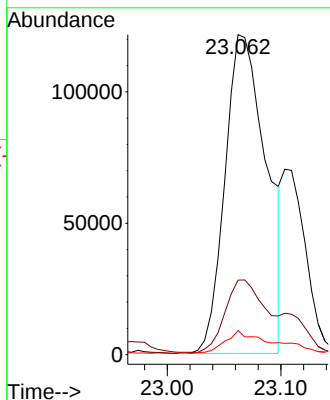
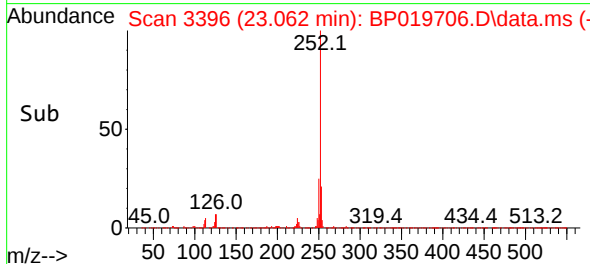
Instrument :
BNA_P
ClientSampleId :
ETGI-362



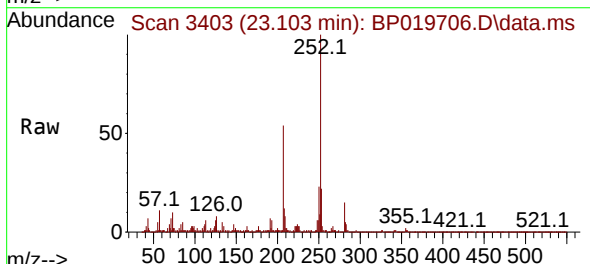
Tgt Ion:252 Resp: 30620
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 7.6 4.9 7.3

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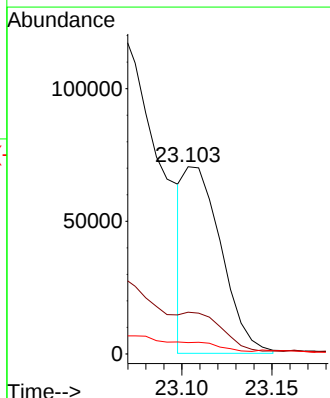
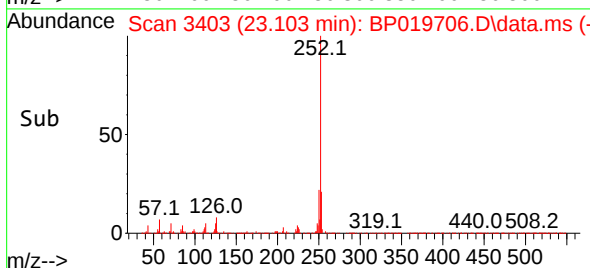
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

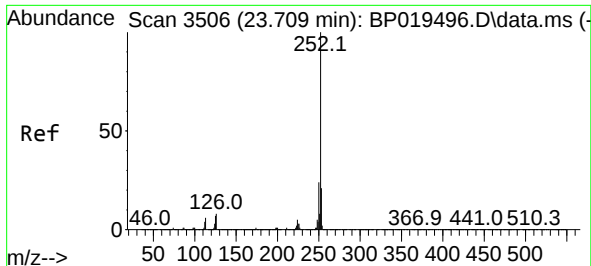


#89
Benzo(k)fluoranthene
Concen: 3.276 ng m
RT: 23.103 min Scan# 3403
Delta R.T. -0.024 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47



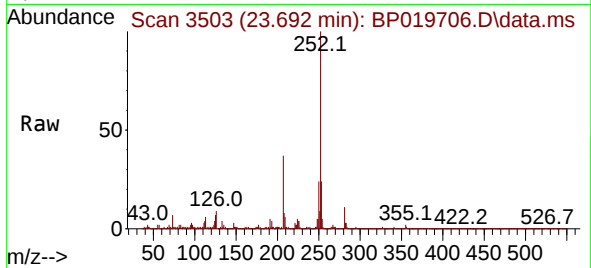
Tgt Ion:252 Resp: 100449
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 6.1 5.0 7.6





#90
Benzo(a)pyrene
Concen: 7.183 ng
RT: 23.692 min Scan# 3506
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

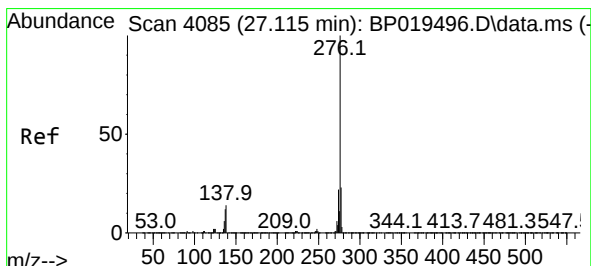
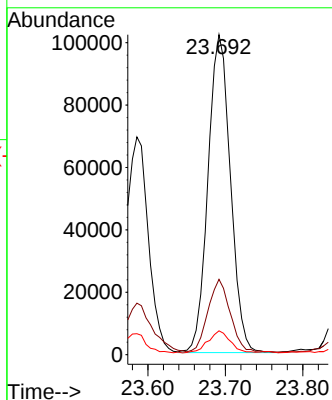
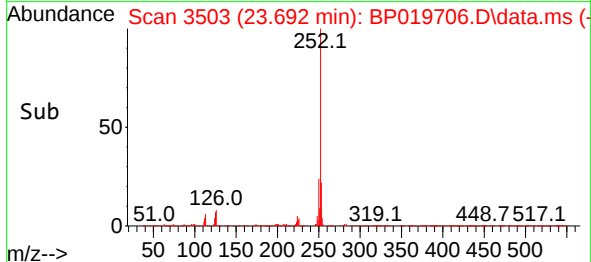
Instrument :
BNA_P
ClientSampleId :
ETGI-362



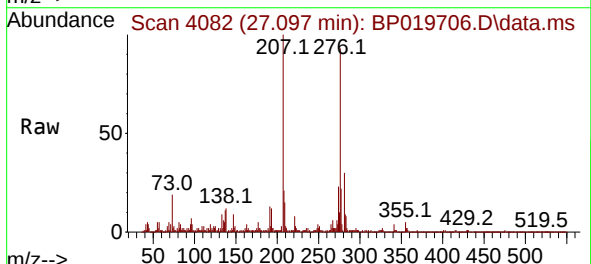
Tgt Ion:252 Resp: 205134
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 7.4 5.6 8.4

Manual Integrations
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Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#92
Benzo(g,h,i)perylene
Concen: 4.045 ng
RT: 27.097 min Scan# 4082
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47



Tgt Ion:276 Resp: 131591
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 13.1 10.9 16.3

